

**Study Number:** MOG11042  
**Test Type:** MOG - Range Finding  
**Route:** Dosing in Feed  
**Species/Strain:** Rat/Harlan Sprague Dawley

**R07: Hormone Summary**  
**Test Compound:** Triphenyl Phosphate  
**CAS Number:** 115-86-6

**Date Report Requested:** 08/27/2021  
**Time Report Requested:** 06:40:41  
**Lab:** Battelle

**Study Number:** MOG11042  
**Study Gender:** Both  
**PWG Approval Date:** See web page for date of PWG Approval  
**Version:** v1.3.1  
**Stat Version:** S

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**F0 Female: Biosample Dam PND 28**

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Terminal Sacrifice		Treatment Groups (ppm)			
		0	1000	3000	10000
LD 28 - 28	Thyroid Stimulating Hormone (ng/mL)	20.8 ± 2.0 (10)	20.1 ± 2.4 (9)	26.2 ± 2.7 (9)	31.1 ± 3.7 (9)
LD 28 - 28	Triiodothyronine (ng/dL)	68.390 ± 4.048 (10) **	74.500 ± 5.318 (9)	87.544 ± 5.802 (9)	48.033 ± 8.586 (9)
LD 28 - 28	Free Thyroxine (ng/dL)	1.682 ± 0.148 (10) **	1.628 ± 0.211 (9)	2.044 ± 0.153 (9)	0.673 ± 0.232 (9) *

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**Terminal  
Sacrifice**

**Treatment Groups (ppm)**

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**15000**

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LD 28 - 28	Thyroid Stimulating Hormone (ng/mL)	25.1 ± 4.1 (8)
LD 28 - 28	Triiodothyronine (ng/dL)	29.313 ± 2.499 (8) **
LD 28 - 28	Free Thyroxine (ng/dL)	0.166 ± 0.044 (8) **

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## LEGEND

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Data are displayed as mean  $\pm$  SEM (N) unless otherwise noted.

LD - Lactation Day

Statistical analysis was performed by Jonckheere (trend) and Shirley or Dunn (pairwise) tests.

Statistical significance for the control group indicates a significant trend test

Statistical significance for a treatment group indicates a significant pairwise test compared to the vehicle control group

\* Statistically significant at  $P \leq 0.05$

\*\* Statistically significant at  $P \leq 0.01$

**\*\* END OF REPORT \*\***